DATE 11-4-87

TO: Information Services Branch

FROM: Computer Products Support Group ___RT___ ___KT___ ___L.G.___
(Init)

RE: ___DOD/SW/DK-88/003___ . Announce in GRA&I
(Report No.)

Priority Action is Required

Attached

☑ Form NTIS 231

☑ Form 277

☐ NTIS 79

☐ RDP (OF 272)

☐ Proof Listing

☐ Consigned Inventory Acquisition
Form (Interagency Agreement
Number and Split)

Process for:		
K File (Data)	☐	Documentatio
	☐	Mag Tape
H File (Software)	☑	Documentatio
	☑	Diskette's ~~Mag Tape~~

Action

☐ Loan Document Form Attached

☐ Defense Sponsored. Acquire ADA Number

☐ Order Pending. Return immediately after copying
necessary pages.

Remarks

Highlight !

Computer Products Transmitt

DELETE   XX NEW   REPLACE   CORRECTION

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET	1. ACCESSION NO.	2. CONTRIBUTING AGENCY REPORT NO. DOD/SW/DK-88/003	3. SUBJ CT

4. PRODUCT

	DATA FILE	PUBLICATION
DATA BASE REFERENCE SERVICE	SOFTWARE	MODEL, SIMULATION

5. AGENCY, BUREAU, DIVISION, AND ADDRESS
ASD/SCOL
Language Control Division
Area B, Bldg 676
Wright-Patterson AFB   OH   45433-6503

DTIC
SELECTE
NOV 2 5 1987
H

6. PRODUCT NAME (Use agency nomenclature)

Ada Compiler Validation Capability (ACVC) 1.9 (for microcomputers)

7. DESCRIPTORS OF PRODUCT (Keywords, identifiers, etc.)   *Software,
The ACVC is a suite of tests designed to test an Ada Compiler's Conformance to MIL-STD-1815A.

8. DATES OF COVERAGE (For one-time reports, use as-of-date; for software, use date and release no.) 10 Dec 86, Version 1.9	9. FILE SIZE IN NO. OF: Diskettes 0 3 5 PUNCHED CARDS

10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank)

11. PRICE INFORMATION D79 $1,000.00
Price code: ~~$585.00~~ Quoted price   Price includes documentation:

12.   GEOGRAPHIC SCOPE

   No restrictions

13. TECHNICAL REPRESENTATIVES (List at least one for subject and one for media)

NAME	TITLE	PHONE NO.
Steve Wilson	Mathematician	513-255-4472

DISTRIBUTION STATEMENT A

Approved for public release;

14 DOCUMENTATION   EXPECTED AVAILABILITY DATE

        XX AVAILABLE as:

15. COMPUTER PRODUCT ABSTRACT

The Ada Compiler Validation Capability (ACVC) is a suite of tests designed to determine an Ada compiler's conformance to MIL-STD-1815A, the Ada Language Reference Manual (LRM). Version 1.9 was released in December 1986 and became the official ACVC version, replacing 1.8, in June 1987. ACVC version 1.9 will be the official version until June 1988 when it will be replaced by ACVC version 1.10.

Each of the 3122 tests in the ACVC 1.9 is designed to test a single test objective specified in the Ada Implementor's Guide (AIG), a document enumerating the LRM into discrete test objectives in order to aid compiler development.

The ACVC 1.9 is written on 35 diskettes written in MS DOS format at nine sectors per track. Each test in the suite is named according to the compilation stages - compiler, link, execute - analyzed and the section of the AIG, down to the specific test objective, covered. ...Software Description: The software is written in ADA for implementation on IBM-PC or compatible micro-computers using the MS-DOS Version 2.1 or later operating system. The software is formatted with 9 sectors/track using MS-DOS.35 diskettes.

Accession For

NTIS GRA&I	☑
DTIC TAB	☐
Unannounced	☐
Justification	

NTIS

Price: $585.00

Dist _____

Availability Codes

Dist   Special

A-1 2-1

DTIC
COPY
INSPECTED
6
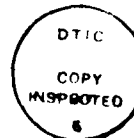
16. DATA FILE TECHNICAL DESCRIPTION

The software is contained on ___5½___ -inch diskettes

___double___ sided, ___double___ density compatible with the ___IBM PC___

microcomputer. Diskettes are in the ___ASCII___ format.

17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in,

Fortran   COBOL   Basic   Assembly   Other Specify: Ada

Software requires

CPR Mfr. IBM PC-Compatible Model(s)   Operating system(s) MS-DOS Version 2.1 or later

Minimum of   K bytes core. The following special features and or additional requirements in hardware

formatted with 9 sectors/track using MS-DOS.35 diskettes.

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO. AND DATE	SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED
513-255-4472	

17 Oct 87

BACK